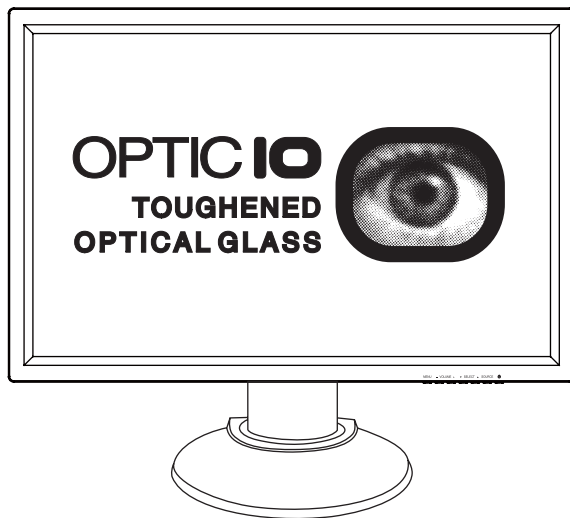




Advanced Display Systems

LCD Monitor User Manual

Model:T193/T223/T243h



The display comes with a three years on site warranty.
To activate your warranty please register your display at
www.edge10.com/support



www.edge10.com

INTRODUCTION

Thank you for purchasing this LCD monitor produced by our company. This monitor uses a TFT (thin film transistor) liquid crystal display (LCD) panel, and it's designed with high quality and highly efficient production technology to provide a more professional and consistent image quality to the user. Besides, this TFT LCD monitor is designed to save space and to offer different display positions, complying with the living space of modern age. Please read the instructions and precautions in this booklet before you start to use it.

Features

- Uses TFT (thin film transistor) active matrix color LCD (liquid crystal display) panel. Offers high resolution image.
- Elegant ultra-slender with small footprint saves more space for users.
- Complies with the latest standard of European ergonomics.
- 5° forward and 15° backward tilt flexibility lets you adjust to the most favorable angle.
- Low power consumption, low heat and zero radiation emission protect the user.

Check Package Content

After you open the package, make sure the following items are included. If anything is missing or damaged, please contact your local dealer or supplier:

- TFT LCD Monitor
- User's manual
- Power Cord
- VGA Cable
- Audio Cable

Precautions

Please read the following instructions carefully first to prevent unnecessary hazards. This manual should be retained for future reference.

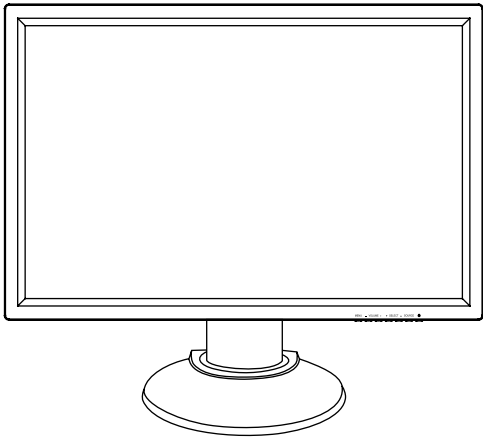
- 💣 Before you clean or move this monitor, make sure it is power off and the AC power cord is unplugged, so as to avoid accidental injury to the monitor or human body.
- 💣 Please keep the radiator at the back of the monitor unobstructed.
- 💣 Keep the monitor away from any liquid.
- 💣 Some of the components and parts carry high voltage. To avoid unnecessary danger, please don't disassemble the monitor yourself.
- 💣 If smoke comes out from the monitor, please disconnect the power immediately and get in touch with your local dealer.
- 💣 Please don't apply pressure onto the screen panel to avoid permanent damage.
- 💣 Before you clean this monitor, please make sure the AC power cord is removed first, and please don't spray liquid cleaner onto the unit directly. Clean the screen with a slightly dampened rag gently without applying excess pressure.

➤ **Installation of the Monitor**

Please switch off the power supply to the computer and its peripheral equipments first.

- 1. Connect the power cord to the AC power input socket at the back of the unit, and connect the other end to the AC power socket.If using an external power supply,you need to connect the AC power cord to the external power supply and connect the DC plug in to the DC socket at the back of the unit. Next connect the AC mains plug to the AC power socket.
- 2. Connect the VGA Analog Signal Cable to the 15-pin connecting port of the unit.
- 3. Turn on the screen and the power supply of the computer.

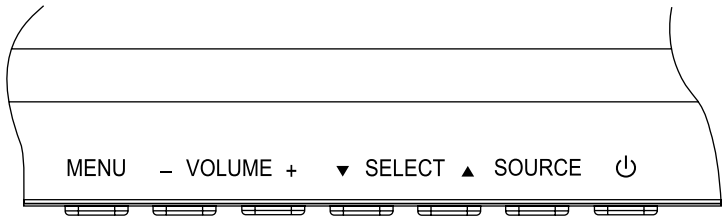
➤ **Front Control Panel :**



Tilting and Swiveling of the Screen

You can tilt the panel up by 15° or down by 5° .

OSD (On-Screen Display) Adjustment Control



- Step 1: Press “menu” to activate the OSD on-screen display menu.
Step 2: Press “▼”or“▲” key to move the cursor to select the function.
Step 3: Press “source” to open the input source OSD menu
Step 4: Press “+”or “-”key to move the cursor to adjust the volume.

Quick Menu Functions


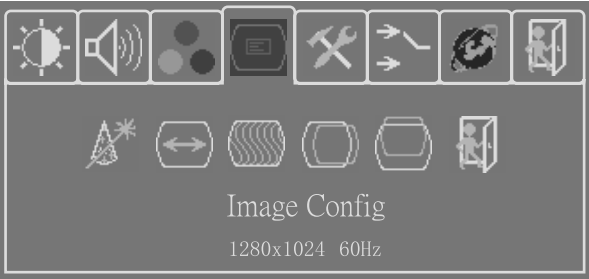










You can press “ ▼”or“▲” to adjust











	Bright Contrast	To adjust the brightness and contrast of the background.
	Volume	To adjust the volume of the speakers.
	Color	To adjusts the parameters for red, green and blue colors on the screen.
	Image Config	To adjust the vertical and horizontal positions of the screen.
	OSD menu	To set the position of OSD display status automatically.
	VGA/DVI	To select the signal source option （D-SUB or DVI）
	Language	To select English, Traditional Chinese , French, German, Italian, Spanish, Polish and Korean for OSD language display on your own preference. The user can select a preferred language.
	Exit	To quit from the OSD Menu.

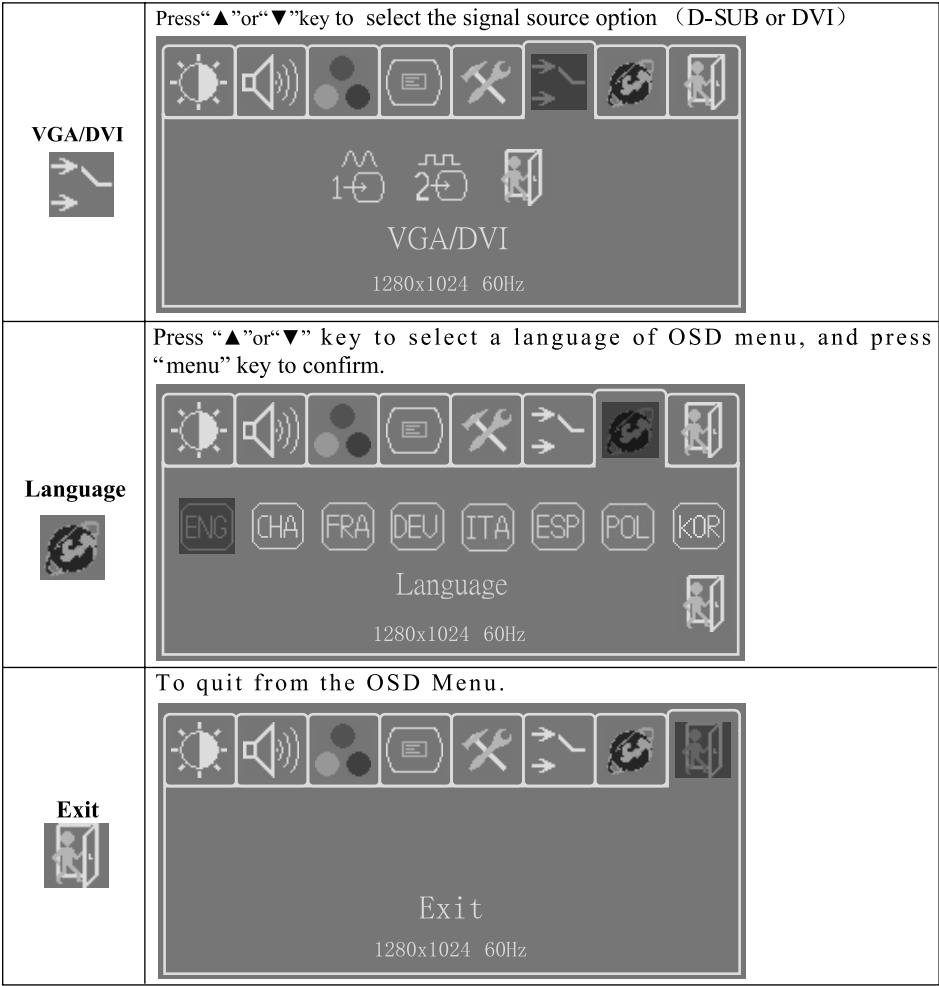
Secondary Menu Settings

<div>Bright Contrast</div> <div></div>	<div>To adjust the brightness and contrast of the background.</div> <div></div>
Function	Description
<div></div>	<div>Press “+”or “-” key to adjust the numerical level of brightness (0~100). Press“menu” key to save and menu key return to the previous page.</div> <div></div>
<div></div>	<div>Press“+”or “-” key to adjust the numerical value of contrast (0-100). Press “menu” key to save and menu key return to the previous page.</div> <div></div>
<div></div>	<div>Press “menu” key to select the display mode （4:3 or 16:10）</div> <div></div>
<div></div>	<div>Back to the previous menu.</div>

<div>Volume</div> <div></div>	<div>To adjust the volume of the speakers.</div> <div></div>
Function	Description
<div></div>	<div>Press “+”or “-” key to adjust the volume, and press “menu” key to save and return to the previous page.</div> <div></div>
<div></div>	<div>Press “menu” key to turn the speaker on or off.</div> <div></div>
<div></div>	<div>Back to the previous page.</div>
<div>Color</div> <div></div>	<div>Press “▼”or“▲”key to choose the function, and press “menu” key to make adjustment.</div> <div></div>

Image Config 	<p>Press “▼”or“▲” key to select a function, and press “menu” key to enter the adjustment menu. After the adjustment is finished, press “menu” key to save and “source” key exit.</p> 
Function	Description
	<p>Press the “menu” key to adjust H/V positions, clock and phase automatically.</p>
	<p>When there is distortion between characters, press “+”or “-” key to correct this problem.</p> 
	<p>Press “+”or “-” key to adjust the ADC sampling real image value.</p> 
	<p>Press “+”or “-” key to move the screen right or left.</p> 
	<p>Press “+”or “-” key to move the screen up or down.</p> 
	<p>Back to the previous menu.</p>

OSD menu 	<p>Press “▼”or“▲” key to select a function, and press “menu” to adjust. After the adjustment is done, press “menu” key to save and “source” key to return to the previous page.</p> 
Function	Description
	<p>Press “+”or “-” key to move the OSD display position to the right or the left of the screen.</p> 
	<p>Press “+”or “-” key to move the OSD display position up or down the screen.</p> 
	<p>Press “+”or “-” key to set the OSD off time and press “menu”key to save it.</p> 
	<p>Sets the system to factory default value.</p>
	<p>Back to the previous page.</p>



Power Saving Mode

This monitor meets the criteria of NUTEK/TCO and VESA DPMS mode for display power management. It has a effective built-in power management system that reduces power consumption automatically when the PC is not used.

Display Mode Support

19” Series Support 01~28 Mode
22” Series Support 01~31 Mode
24” Series Support 01~32 Mode

No.	Description	H-Freq. (KHz)	V-Freq. (Hz)
1	VESA 640×400	31.480	60
2	VESA 640×480	31.649	70
3	VESA 640×480	37.862	72
4	VESA 640×480	37.500	75
5	VESA 800×600		60
6	VESA 800×600		70
7	VESA 800×600	48.077	72
8	VESA 800×600	46.875	75
9	VESA 1024×768	48.363	60
10	VESA 1024×768	56.476	70
11	VESA 1024×768	56.476	72
12	VESA 1024×768	60.023	75
13	VESA 1152×864	54.948	60
14	VESA 1152×864	66.095	70
15	VESA 1152×864	60.000	72
16	VESA 1152×864	66.095	75
17	VESA 1280×768	60.000	60
18	VESA 1280×768	60.000	70
19	VESA 1280×768	60.000	75
20	VESA 1280×800	75.000	60
21	VESA 1280×800	75.000	70
22	VESA 1280×800	75.000	75
23	VESA 1280×1024	63.981	60
24	VESA 1280×1024	79.977	70
25	VESA 1280×1024	63.981	72
26	VESA 1280×1024	79.977	75
27	VESA 1360×768	79.977	60
28	VESA 1440×900	79.977	60
29	VESA 1400×1050	79.977	60
30	VESA 1600×1200	79.977	60
31	VESA 1680×1050	79.977	60
32	VESA 1920×1200	79.977	60

Preliminary Troubleshooting

If the monitor does not run normally, please use the following table to resolve the most common and possible causes of the problem before you call the service personal. If the problems still can't be solved, please contact the local dealer for assistance.

Symptom	Correct Action
No Display on Screen	<ol style="list-style-type: none">1. Check the connection of the VGA or DVI Signal Cable.2. Check to make sure the power is turned on, or that the power adaptor is on.3. Check whether the power cord of TFT LCD monitor is loose.
Fuzzy image.	<ol style="list-style-type: none">1. The power supply may not be stable. Try connect the unit to another power socket.2. Move the LCD monitor away from magnetic objects.
No sound from the speakers.	<ol style="list-style-type: none">1. Please check if the audio cable is plugged in.2. The speakers may have been muted or the volume adjusted to the minimum. Rectify the situation.

19" Specifications

Panel	19" TFT LCD Panel
Resolution	1440 x 900 (WXGA+)
Display Area (H x V)	408.24 mm x 255.15 mm
Pixel Pitch	0.2835 mm (Horizontal) x 0.2835 mm (Vertical)
View Angle	160° Vertical / 160° Horizontal
Input Signals	Analog RGB: 0.7 Vp-p Sync: 5V (pos./net. Separate)
Color Display	16.7M colors
Signal System	D-sub / DVI input (if there is a DVI connector)
Luminance (typical)	300 cd/m ²
Input Connectors	15-pin D-sub Type, DVI (if there is a DVI connector), a power input socket and an earphone socket.
Audio Output	Built-in 2W/8ohm x2 Speakers.
Maxim Power Consumption	45 watts (typical)
Power Management	VESA DPMS standard, EPA/Energy Star compliant
PnP Compatibility	VESA DDC 1& 2B standards compliant
EMI Ergonomics	FCC, CE(CISPR-II)
External Dimension	446 mm (L) X 160 mm (W) X 367 mm (H)
Net Weight	4.2 kg
Temperature	Operating: 0°C to 40°C Storage: -10°C to 65°C
Humidity	Operating: 25% to 90% RH Storage: 0% to 90% RH

22” Specifications

Panel	22” TFT LCD Panel
Resolution	1680 x 1050 (WSXGA+)
Display Area (H x V)	473.76 mm x 296.1 mm
Pixel Pitch	0.282 mm (Horizontal) x 0.282 mm (Vertical)
View Angle	160° Vertical / 170° Horizontal
Input Signals	Analog RGB: 0.7 Vp-p Sync: 5V (pos./net. Separate)
Color Display	16.7M colors
Signal System	D-sub / DVI input (if there is a DVI connector)
Luminance (typical)	300 cd/m ²
Input Connectors	15-pin D-sub Type, DVI (if there is a DVI connector), a power input socket and an earphone socket.
Audio Output	Built-in 2W/8ohm x2 Speakers.
Maxim Power Consumption	49 watts (typical)
Power Management	VESA DPMS standard, EPA/Energy Star compliant
PnP Compatibility	VESA DDC 1& 2B standards compliant
EMI Ergonomics	FCC, CE(CISPR-II)
External Dimension	512 mm (L) X 160 mm (W) X 405 mm (H)
Net Weight	4.7 kg
Temperature	Operating: 0°C to 40°C Storage: -10°C to 65°C
Humidity	Operating: 25% to 90% RH Storage: 0% to 90% RH

24” Specifications

Panel	24” TFT LCD Panel
Resolution	1920 x 1200 (WUXGA)
Display Area (H x V)	518.4 mm x 324 mm
Pixel Pitch	0.270 mm (Horizontal) x 0.270 mm (Vertical)
View Angle	160° Vertical / 170° Horizontal
Input Signals	Analog RGB: 0.7 Vp-p Sync: 5V (pos./net. Separate)
Color Display	16.7M colors
Signal System	D-sub / DVI input (if there is a DVI connector)
Luminance (typical)	500 cd/m ²
Input Connectors	15-pin D-sub Type, DVI (if there is a DVI connector), a power input socket and an earphone socket.
Audio Output	Built-in 2W/8ohm x2 Speakers.
Maxim Power Consumption	90 watts (typical)
Power Management	VESA DPMS standard, EPA/Energy Star compliant
PnP Compatibility	VESA DDC 1& 2B standards compliant
EMI Ergonomics	FCC, CE(CISPR-II)
External Dimension	566 mm (L) X 160 mm (W) X 436 mm (H)
Net Weight	5.2 kg
Temperature	Operating: 0°C to 40°C Storage: -10°C to 65°C
Humidity	Operating: 25% to 90% RH Storage: 0% to 90% RH